

Learning to Fly: The Wright Brother's Adventure			
2005 Science			
Content Standards			
South Dakota Science			
Grade 6			
Activity/Lesson	State	Standards	
The Society	SD	SCI.6.6.N.2.1.a .5	Use research methods to investigate practical and/or personal scientific problems and questions.
1904: Improvement in Dayton	SD	SCI.6.6.L.1.2.b	Students are able to explain the importance and scientific use of a classification system: Uniform scientific communication
Learning to Fly: The Wright Brother's Adventure			
2005 Science			
Content Standards			
South Dakota Science			
Grade 7			
Activity/Lesson	State	Standards	
The Society	SD	SCI.7.7.N.2.1.f	Use research methods to investigate practical and/or personal scientific problems and questions.
New Data	SD	SCI.7.7.N.2.1.d	Students are able to conduct scientific investigations using given procedures: Identify sources of experimental error.
Learning to Fly: The Wright Brother's Adventure			
2005 Science			
Content Standards			
South Dakota Science			
Grade 8			
Activity/Lesson	State	Standards	
The Society	SD	SCI.8.8.N.2.1.e	Use research methods to investigate practical and/or personal scientific problems and questions.
1901: The First Improvement	SD	SCI.8.8.N.2.1.c	Control variables to test hypotheses by repeated trials and by identifying sources of experimental error.
New Data	SD	SCI.8.8.N.2.1.f	Select appropriate scientific equipment and technologies for investigations and experiments.
Learning to Fly: The Wright Brother's Adventure			
2005 Science			
Content Standards			
South Dakota Science			
Grades 9-12			
Activity/Lesson	State	Standards	
The Society	SD	SCI.9-12.9-12.N.2.1.a	Identify the questions and concepts to guide the development of hypotheses.

The Society	SD	SCI.9-12.9-12.S.1.2	Students are able to evaluate and describe the impact of scientific discoveries on historical events and social, economic, and ethical issues.
Wright Brothers: 1900 Glider	SD	SCI.9-12.9-12.S.2.2	Students are able to analyze factors that could limit technological design.
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Wright Brothers: 1903 Flyer	SD	SCI.9-12.9-12.S.2.2	Students are able to analyze factors that could limit technological design.
Meet the Wrights	SD	SCI.9-12.9-12.S.1.2	Students are able to evaluate and describe the impact of scientific discoveries on historical events and social, economic, and ethical issues.
1900: Kitty Hawks	SD	SCI.9-12.9-12.S.2.2	Students are able to analyze factors that could limit technological design.
1901: The First Improvement	SD	SCI.9-12.9-12.N.2.1.d	Revise explanations and models based on evidence and logic.
1901: The First Improvement	SD	SCI.9-12.9-12.S.1.2	Students are able to evaluate and describe the impact of scientific discoveries on historical events and social, economic, and ethical issues.
1902: Success at Last	SD	SCI.9-12.9-12.N.2.1.d	Revise explanations and models based on evidence and logic.
1902: Success at Last	SD	SCI.9-12.9-12.S.2.2	Students are able to analyze factors that could limit technological design.
1903: Powered Flight	SD	SCI.9-12.9-12.N.2.1.c	Select and use appropriate instruments to extend observations and measurements.
1903: Powered Flight	SD	SCI.9-12.9-12.N.2.1.d	Revise explanations and models based on evidence and logic.
1903: Powered Flight	SD	SCI.9-12.9-12.S.2.2	Students are able to analyze factors that could limit technological design.
1904: Improvement in Dayton	SD	SCI.9-12.9-12.N.2.1.e	Use technology and mathematic skills to enhance investigations, communicate results, and defend conclusions.
1905: Complete a Flight at Last	SD	SCI.9-12.9-12.S.1.2	Students are able to evaluate and describe the impact of scientific discoveries on historical events and social, economic, and ethical issues.
1905: Complete a Flight at Last	SD	SCI.9-12.9-12.S.2.2	Students are able to analyze factors that could limit technological design.